

Claims

I claim:

1. A lightweight bubble type multilayer heat reflective concrete cure blanket comprising:

a moisture-impervious top outer layer;

5 a moisture-impervious bottom outer layer, said top and bottom layers sealingly connected to each other at the boundaries of said layers to form a moisture-impervious chamber between the top and bottom layers;

a heat insulative layer adjacent the top outer layer, the heat insulative layer having a plurality of insulative elements disposed in spaced relation to each other on at least one surface of said insulative layer;

said bottom outer layer comprising one of a substantially flat non-insulative layer and an insulative layer of a plurality of insulative elements disposed in spaced relation to each other;

15 said one of said substantially flat non-insulative layer and said layer of a plurality of insulative elements of said bottom outer layer having reflective material applied thereto

2. The heat reflective concrete cure blanket of claim 1 wherein said heat insulative layer is fixed to said top outer layer.

3. The heat reflective concrete cure blanket of claim 1 wherein said bottom outer layer comprises a layer of a plurality of insulative elements having reflective material applied thereto.

20 4. The heat reflective concrete cure blanket of claim 1 wherein said bottom outer layer comprises a layer of a plurality of insulative elements and a flat non-insulative layer attached to the layer of a plurality of insulative elements.

5. The heat reflective concrete cure blanket of claim 4 wherein one of said layer of a

plurality of insulative elements and said flat non-insulative layer has a reflective material applied thereto.

6. The heat reflective concrete cure blanket of claim 4 wherein said layer of a plurality of insulative elements and said flat non-insulative layer have reflective material applied thereto.

5 7. A lightweight bubble type multilayer heat reflective concrete cure blanket comprising:

a moisture impervious top outer layer;

a moisture impervious bottom outer layer, said top and bottom layers sealingly connected to each other at the boundaries of said layers to form a moisture impervious chamber between the top and bottom layers;

10 a heat insulative layer disposed in said chamber, the heat insulative layer having a plurality of insulative elements disposed in spaced relation to each other;

said top layer fixed to an upper portion of the heat insulative layer;

said bottom layer fixed to a lower portion of the heat insulative layer;

said bottom layer having heat reflective material applied thereto.

15 8. The heat reflective concrete cure blanket of claim 7 wherein said heat reflective material comprises heat reflective elements dispersed throughout said bottom layer.

9. The heat reflective concrete cure blanket of claim 7 wherein said heat reflective material comprises a coating of heat reflective elements applied to said bottom layer.

10. The heat reflective concrete cure blanket of claim 7 wherein said heat insulative layer 20 has a heat reflective material applied thereto.

11. The heat reflective concrete cure blanket of claim 10 wherein said heat reflective material applied to said heat insulative layer comprises heat reflective elements dispersed throughout said insulative layer.

12. The heat reflective concrete cure blanket of claim 10 wherein said heat reflective

material applied to said insulative layer comprises a coating of heat reflective elements applied to the insulative layer.

13. The heat reflective concrete cure blanket of claim 7 wherein said top outer layer is substantially dark in color, said substantially dark color enhancing the ability of the top outer 5 layer to absorb ambient heat into said blanket.

14. A lightweight bubble type multilayer heat reflective concrete cure blanket comprising:
a moisture impervious top outer layer;
a moisture impervious bottom outer layer, said top and bottom layers sealingly connected to each other at the boundaries of said layers to form a moisture impervious chamber between the top and bottom layers;
a bubble-type heat insulative layer disposed in said chamber, said heat insulative layer having a plurality of insulative elements disposed in spaced relation to each other;
each said insulative element comprising a first raised portion;
said insulative layer comprising a second flat portion providing spaces between said 15 insulative elements;

said top outer layer fixed to said second flat portion of said insulative layer;
at least one of said bottom outer layer and said insulative layer having heat reflective material applied thereto.

15. The heat reflective concrete cure blanket of claim 14 wherein said bottom outer layer 20 has reflective material applied thereto.

16. The heat reflective concrete cure blanket of claim 14 wherein said insulative layer has reflective material applied thereto.

17. The heat reflective concrete cure blanket of claim 14 wherein said insulative layer and said bottom outer layer have reflective material applied thereto.

18. The heat reflective concrete cure blanket of claim 14 wherein said heat reflective material comprises heat reflective elements dispersed throughout at least one of said bottom outer layer and said insulative layer.
19. The heat reflective concrete cure blanket of claim 14 wherein said heat reflective material comprises a coating of heat reflective elements applied to at least one of said bottom outer layer and said insulative layer.
20. The heat reflective concrete cure blanket of claim 14 wherein said heat reflective material comprises heat reflective elements dispersed throughout said bottom outer layer and said insulative layer.
21. The heat reflective concrete cure blanket of claim 14 wherein said heat reflective material comprises coatings of heat reflective elements applied to said insulative layer and to said bottom outer layer.
22. The heat reflective concrete cure blanket of claim 14 wherein said top outer layer is substantially dark in color, said substantially dark color enhancing the ability of the top outer layer to absorb ambient heat into said blanket.
23. A lightweight bubble type multilayer heat reflective concrete cure blanket comprising:
 - a moisture impervious top outer layer;
 - a moisture impervious bottom outer layer, said top and bottom layers sealingly connected to each other at the boundaries of said layers to form a moisture impervious chamber between said top and bottom layers;
 - a first insulative layer disposed in said chamber and fixed to said top outer layer;
 - a second insulative layer disposed in said chamber and fixed to said bottom outer layer;

outer layer having reflective material applied thereto.

24. The heat reflective concrete cure blanket of claim 23, wherein the bottom outer layer has reflective material applied thereto.

25. The heat reflective concrete cure blanket of claim 23, wherein the bottom outer layer and at least one of said insulative layers have reflective material applied thereto.

26. The heat reflective concrete cure blanket of claim 23, wherein the bottom outer layer and both of said insulative layers have reflective material applied thereto.

27. The heat reflective concrete cure blanket of claim 23, wherein the top outer layer is substantially dark in color, said dark color enhancing the ability of said top outer layer to absorb ambient heat into said blanket.

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